



Maryland Green Registry MEMBER

The Maryland Green Registry promotes and recognizes sustainable practices at organizations of all types and sizes. Members agree to share at least five environmental practices and one measurable result while striving to continually improve their environmental performance.

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Planning and Engineering Firm
Member since February 2011

Management and Leadership



Environmental Policy Statement

We pursue a comprehensive approach to sustainability in both our internal operations and our work on behalf of clients. Wherever possible, and in keeping with our clients' priorities, we seek to influence and improve local ecosystems, reduce carbon emissions, adapt to climate change, enhance public health and social equity, and promote job creation and economic growth.

Our ultimate goal is to plan and develop infrastructure with the future in mind. In doing so, we will create long-term value for our clients, improve the communities in which we live and work, and continue WSP|PB's legacy of excellence.

Environmental Policy (2015):

Our policy is to conduct our business in an environmentally-responsible manner, in keeping with practices appropriate for the localities where our employees live and work. This applies to both how we manage our own office activities and how we provide our services to customers.

We are committed to meeting the needs of our customers, compliance with accepted industry standards, and adhering to applicable environmental regulations and other requirements or standards. We are committed to prevention of pollution, as well as encouraging the continual growth and improvement of our environmental management system and global sustainability program.

Our Global Sustainability Policy is posted on our website:

<http://cdn.wsp-pb.com/phyzkh/wsp-pb-sustainability-policy-2016.pdf>

Business plays a key role in supporting the growth of a sustainable and prosperous society. WSP|PB embraces the opportunity to be at the heart of this by delivering a thriving environment, social well-being, and healthy, vibrant communities. Our objective is to be a business leader in four key areas:

- 1. We will use the growth of the sustainable economy as an opportunity to grow new markets and commercial opportunities.*
- 2. Our advice and designs will be future ready and will enable our clients to reduce environmental impacts over the life cycle of their assets.*
- 3. We will actively manage our own environmental and social impacts, improving the positive while reducing the negative.*
- 4. We will participate meaningfully in the communities in which we operate.*

WSP|PB will be a positive and highly influential force in the development and operation of infrastructure around the world. Through service to our clients and collaboration with colleagues, we will create a lasting legacy that improves the lives of people and communities. Our vision will only be achieved by living our values. WSP|PB strives to make the connection between financial benefit and sustainable practices. A plan-do-act mentality is engrained in our vision.

Our Values

Innovative: We constantly look ahead, anticipating and responding to change with agility. We are problem-solvers who explore new ideas and we are driven to find the ideal solution. We challenge the status quo, think outside of the box, and learn from our experiences. We encourage and value informed initiative-taking.

Trustworthy: All our relationships are built on trust. We are transparent and ethical. We act with integrity, keep our word, and treat everyone with respect. We empower others and we feel empowered.

United: Our strength is in the power of our collaboration and teamwork. We leverage our best-in-class skills, our best practices and our ideas locally across the globe.

Passionate: We believe in providing quality and value in everything we do, to our clients and to our communities. We seek new project and client opportunities. We have a positive attitude and flourish in an inspiring and enjoyable atmosphere

Caring: This is reflected in our attention to client needs, and reinforced in our work environment by the way we support each other. We are socially responsible and have a positive impact on our communities. We diligently ensure that sustainable principles are woven into all that we do. We make health and safety a priority.



Environmental Team

Our office Green Team is a volunteer group in the office that promotes green initiatives. The Green Team:

- *Provides educational programs in-house through Brown Bag Meetings to discuss relevant environmental topics.*
- *Keeps an up-to-date “Green Team” bulletin board with upcoming events and green tips.*
- *Organizes environmentally related activities outside the office.*
- *Supports the Baltimore office administration in “green” decision-making and policies.*
- *Emphasizes process and system improvements to increase productivity, reduce energy use, and reduce overall office waste.*



Environmentally Preferable Products and Services

WSP|PB engineers design high-performance facilities that minimize energy and water usage and incorporate renewable energy and sustainable materials. We also perform the intricate coordination necessary to incorporate sustainable techniques and materials into complex design and construction programs around the world.

WSP|PB planning, environmental, and modeling staff members regularly engage with government agencies at a variety of levels to research ways to help prevent and adapt to climate change. This work ranges from climate change policy analysis and education to helping agencies reduce their environmental footprint and adapt infrastructure to climate change that is already happening.

WSP|PB engineers explore new ways to produce energy more efficiently and power our lives without relying solely on fossil fuels. Our technical experience covers the whole range of renewable energy technologies. We work with clients to harness power from sources including wind, solar, and geothermal, often participating in feasibility studies to pioneer the next generation of energy solutions.

*Repairing the environment by restoring the capacity of an ecosystem to effectively filter water is a hallmark of WSP|PB’s water practice. WSP|PB also designs systems to handle water from new projects with minimum disruption to the natural environment. WSP|PB was hired by the Maryland State Highway Administration (SHA) to perform the **Gramies Run TMDL Stream Restoration in Cecil County, Maryland**. This restoration project will help meet the needs of SHA’s total maximum daily load (TMDL) for nitrogen, phosphorus, and sediment. WSP|PB provided geomorphic, hydrology and hydraulic analysis, conducted conceptual design, and delivered final design drawings. WSP|PB will assist SHA in the construction award process and provide technical support/consultation and RFI responses during construction.*

*WSP|PB's approach to projects emphasizes the integration of built and natural environments to help use fewer natural resources and restore sensitive habitats. The Maryland State Highway Administration (SHA) hired WSP|PB to perform the **Hampstead Bypass Hydrologic Monitoring in Carroll County, Maryland**. During this long-term monitoring project WSP|PB will document the hydrologic conditions of the Hampstead and Greenmount bog turtle wetlands following construction of the Hampstead Bypass. The results will show whether there is a net increase or decrease in the hydrologic conditions of the endangered bog turtle habitat wetlands.*

*In order to restore and protect local waterways, WSP|PB is involved in many watershed projects, such as the **Loch Raven North & West Small Watershed Action Plan**. Stream corridor, mill dam, and upland assessments are completed in order to determine factors that may affect the water quality of the watershed, including human impacts. Current conditions of the watershed and its natural resources, as well as restoration and preservation strategies, are documented in a watershed characterization report. The small watershed action plan document outlines the overall strategy for the restoration of the watershed, including recommendations for restoration, management strategies, and priority projects.*



Environmentally Preferable Purchasing

As part of its normal business practices, WSP|PB selects vendors and service providers to support the company's operations, activities, and services. Recognizing that goods purchased by the company can significantly affect the environment, WSP|PB makes every attempt to obtain goods and services from vendors and providers whose products and practices meet the environmental standards, targets, and objectives established by the company for conducting its internal operations and providing its professional services to clients.

WSP|PB works closely with the local office manager to negotiate the best good and service selections that align with the WSP|PB vision. Oftentimes minimization of resources is the best option to limit necessary purchasing that the office must conduct. Goods and services purchased by the office will be reviewed and checked by the office environmental team or green team to ensure they align with the WSP|PB vision. Goods and services that do not align with the WSP|PB vision will be identified and a plan put in place to improve the situation, coordinated with the office manager or applicable entity.



Environmental Restoration or Community Environmental Projects

In past years, we have participated in Project Clean Stream through the Alliance for the Chesapeake Bay, tree planting days with Blue Water Baltimore, and park clean-ups. We have recently revived our office Green Team which will be planning and participating in similar events and projects.

Waste

☒ **Solid Waste Reduction and Reuse**

Electronic Processes WSP/PB saves paper, along with the cost and emissions associated with shipping, as a result of making previously paper-intensive administrative processes electronic. For example, WSP/PB's E-procurement purchasing program has eliminated the use of paper in the ordering, purchasing and transmission of goods for use in WSP/PB offices. New software programs and processes are converting all of WSP/PB's accounts payable, expense reporting, and client invoicing from paper to electronic processes. In addition, WSP/PB managers in some divisions of the company now use an electronic process for employee performance reviews.

Reduce Paper Usage The WSP/PB Americas Environmental Management System requires all offices to use recycled content paper in their primary black and white printers. We purchase paper with at least 30 percent recycled content for basic copier paper needs, and use other paper-saving techniques such as default double-sided printing and electronic communication and deliverables.

Sustainable Cup Purchasing WSP/PB will work towards eliminating, altering, and improving the current state of the foam drinking cups provided by the office. Specifically, the office will seek cups that are biodegradable and recyclable, with a cost similar to or less than the current foam cups purchased by the office manager.

☒ **Recycling**

- Utilize building services to recycle materials including batteries, toners, glass, metal, plastic, cardboard, and paper types including white, newspaper, glossy magazines, and paperboard.
- Return printer toners and cartridges to the manufacturer for recycling.
- WSP/PB clearly demarcates the recycling receptacles in the office and what is allowed in them. WSP/PB will work towards providing employees with individual recycling receptacles for use at their cubicle or office area.

Energy

☒ **Energy Efficiency**

Motion sensor light switches are enabled to ensure that lights are not left on in the office. All lights in the office automatically shut off at 7pm. Computer monitors are programmed with automatic shut-off and employees are encouraged to shut-off the computer (CPU) at the close of each business day or for periods of prolonged inactivity.

Transportation



Employee Commute

- *Promoting alternate ways to commute through events such as Bike-to-Work Week and International Car Free Day. WSP/PB employees have participated in Baltimore's Bike-to-Work Week for at least the last 7 years. In 2016, we had 23 Baltimore office employees participate in some way.*
- *Implementing a Commuter Benefits Program that enables transit-using employees to pay for their commute to work using pre-tax dollars.*
- *Offering employees the option of a Flexible Work Schedule, thus requiring fewer trips to the office. This employee option reduces commuting travel and improves work-life balance. The alternative schedule allows for a 9-hour workday with a scheduled day off every other week. At least 10 of the Baltimore office employees take advantage of the Flexible Work Schedule option in our office, eliminating a workday commute twice a month.*

Green Building



LEED GOLD: *WSP/PB Baltimore leases space from One East Pratt Street, which received the LEED Gold Certification in 2013 and prides itself on being a "green" building. In addition to LEED Gold Certification we make it easy for occupants to be "green" as they can be in their workplace using online tools, like the tenant work order system, provide access to purchasing cost-effective, environmentally sensitive supplies and services.*

Besides recommending behaviors that reduce overhead and office consumption, building management offers a recycling program that can be customized to any office type or size, and provides guidance on the proper disposal of assorted waste, including electronics. Since awareness is crucial to educating occupants on the benefits of sustainability, One East Pratt partners with [EPA](#), [U.S. Green Building Council](#) and others in promoting energy and resource efficiency through exciting campaigns throughout the year.

In efforts to reduce our carbon footprint, One East Pratt Street provides all tenants with recycling services for paper, plastic, aluminum, glass, cardboard, cell phones, fluorescent light bulbs, and batteries.

Profile Updated April 2017



Help build a greener, more sustainable Maryland through voluntary practices that reduce environmental impacts and save money.

Learn more at green.maryland.gov

